

## ABSTRACT OF THE DISCLOSURE

A continuous process for making a comb-branched copolymer of an acrylic monomer and a polyether macromonomer is disclosed. The process is performed by continuously feeding a reaction zone with a monomer stream that contains an acrylic acid and a polyether macromonomer, and an initiator stream. The comb-branched copolymer made thereby performs better as water reducing agent in cement compared to that made by a batch process.

FOUO-01-25-00